

**ABSTRACT OF DISCLOSURE**

This invention ~~relates to the~~ is the use of an aqueous solution in the preparation of an irrigating medium for use in the treatment of root canals. The aqueous solution is ~~characterized in that it is an~~ electro-mechanically activated solution prepared by ~~means of~~ electrolysis of an aqueous solution of a salt and including an aqueous anion-containing and an aqueous cation-containing solution. The invention also extends to a method for irrigating root canals ~~by means of~~ with the electro-mechanically activated solution, and an irrigating medium comprising the electro-chemically activated solution.